

**LISTING OF CLAIMS:**

1-18. (Cancelled)

19. (Previously Presented) A disc brake system comprising: an axially movable brake disc supported on a rotatable mounting hub; a plurality of resilient devices adapted to act between said brake disc and said rotatable mounting hub at circumferentially equi-spaced positions around said brake disc, said resilient device being symmetrically mounted on said brake disc for axial movement with said brake disc independent of said mounting hub and to apply a centering and anti-tilt resilient bias force directed from said brake disc to said rotatable mounting hub.

20. (Previously Presented) The brake disc system of claim 19 wherein said brake disc includes drive keys engaging associated drive keyways of said rotatable mounting hub, said resilient device straddling said drive keys of said brake disc.

21. (Previously presented) The disc brake system of claim 19 wherein said resilient device comprises at least one leaf spring having resilient flanges engaging said brake disc.

22. (Previously Presented) The disc brake system of claim 19 wherein said spring device comprises at least one spring disposed under stress between said brake disc and said rotatable mounting hub to exert said resilient bias force therebetween.

23. (Currently Amended) A disc brake system comprising:  
a rotatable mounting hub;  
at least one brake disc slideable on said hub and having opposite sides and braking surfaces on said opposite sides;

at least one pair of friction elements operative when actuated to frictionally engage said braking surfaces of said at least one brake disc to effect braking action of said at least one brake disc and said rotatable mounting hub; and

a plurality of resilient devices attached at circumferentially spaced locations to said at least one brake disc and movable axially with said at least one brake disc relative to and independent of said rotatable mounting hub, said resilient devices acting between said at least one brake disc and said rotatable mounting hub to apply a resilient bias force directed from said at least one brake disc to said rotatable mounting hub for centering said brake disc;

~~A disc brake system as set forth in claim 15~~ wherein each resilient device comprises a spring wire.

24. **(Previously Presented)** A disc brake system as set forth in claim 23 wherein said spring wire defines an endless loop having two inwardly-directed portions defining a waist acting upon the brake disc and around the associated drive key of the brake disc and lateral side portions acting upon the rotatable mounting hub.

25. **(Withdrawn)** A disc brake system as set forth in claim 24 wherein said side portions define upturned ends presenting curved portion abutting said mounting hub.

26. **(Withdrawn)** A disc brake system as set forth in claim 23 wherein each wire spring includes an end portion engaging one side of said brake disc and a hairpin portion engaging the mounting hub on the other side of said brake disc.

27. **(Withdrawn)** A disc brake system as set forth in claim 26 including a central portion between said end and hairpin portions engaging said brake disc with said hairpin portion disposed to react between said mounting hub and said disc.

**Appln. No.: 10/019,919**  
**Amdt. Dated August 17, 2004**  
**Reply to Office action of May 17, 2004**

28.     **(Withdrawn)**         A disc brake system as set forth in claim 23 wherein said wire spring defines a loop having ends engaging said brake disc and bowed between said ends to engage said mounting hub.

29.     **(Withdrawn)**         A disc brake system as set forth in claim 23 wherein said wire spring defines four double loops defining an X-shape as viewed in side elevation with an opening therebetween surrounding a drive key.

30.     **(Withdrawn)**         A disc brake system as set forth in claim 29 wherein said X-shape includes upper arms abutting said brake disc and lower arms abutting said mounting hub.

31.     **(Withdrawn)**         A disc brake system as set forth in claim 22 wherein said resilient device comprises a strip defining a plurality of apertures with each aperture straddling a drive key.

32.     **(Withdrawn)**         A disc brake system as set forth in claim 31 wherein each strip extending chordally relative to said brake disc.